

ABSTRACT

An automated system for storing pallets for loading green tires, taking said pallets into a warehouse and taking said pallets out of the warehouse includes a conveyor section for taking pallets on which green tires are loaded into a warehouse; a gantry robot section for transferring said pallets to be taken out of the warehouse into a conveyor for taking said pallets out of the warehouse when said pallets are taken out of the warehouse while the warehoused pallets are transferred to a location on which said pallets are stacked; and a conveyor section for taking said pallets out of the warehouse by said gantry robot, in which the above gantry robot is operated in the directions of X axis, Y axis and Z axis.